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PATENT  
Attorney Docket 044508-5001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Gerald Quinnan *et al.***

Patent No. **7,090,848**

Issued: **August 15, 2006**

Application No. **09/762,261**

Filed: **February 5, 2001**

For: **HIV-1 Envelope Protein Associated  
With a Broadly Reactive Neutralizing  
Antibody Response**

Group Art Unit: **1648**

Examiner: **Jeffrey Stucker**

**Certificate**

**JAN 08 2007**

**of Correction**

**REQUEST FOR CERTIFICATE OF CORRECTION UNDER 37 C.F.R. 1.322**

This is a request for the issuance of a Certificate of Correction under 37 C.F.R. 1.322 in the above-referenced patent to correct an Office mistake. Two (2) copies of form PTO-1050 are enclosed.

The requested corrections are proper identification of amino acids 313 to 325 of SEQ ID NO: 1 in claim 5 and replacement of Fig. 1 and Fig. 2 with the as filed Fig. 1 and Fig. 2. As indicated in Examiner's Amendment received along with the Notice of Allowance, mailed April 10, 2006, claim 5 (previously presented claim 69) should recite the V3 region comprising "amino acids 313 to 325 of SEQ ID NO: 1." However, claim 5 of the letters patent recites a V3 region comprising amino acids 13 to 25 of SEQ ID NO: 3. The error was made by the Office and correction under 37 C.F.R. 1.322 is requested.

As indicated in the patent, Fig. 1 is shows phylogenetic analysis of the gp120 and gp41 nucleotide coding sequences of clone R2 (*see* column 2, lines 46-47). Fig. 2 shows Neutralization of clade B viruses and pseudoviruses. The Figures were submitted as part of the application on February 5, 2001. However, Fig. 1 in the issued patent depicts a processing flow chart for medium product containing unwanted micorganisms. Fig. 2 in the patent depicts another flow chart leading from off-loading of fruit to storage. These figures are clearly not from the instant disclosure; they are not part of the file wrapper of the instant patent. Therefore the error incorrectly adding two Figures for an entirely unrelated patent was clearly made by the Office and correction under 37 C.F.R. 1.322 is again requested.

As the errors identified in the above-referenced U.S. Patent occurred through the fault of the U.S. Patent Office, no fee is enclosed. However, if there are any additional fees due in connection with the

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Attorney Docket **044508-5001**

U.S. Patent **7,090,848**

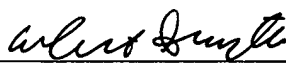
U.S. Application **09/762,261**

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filing of this Request, the Commissioner is hereby authorized to charge any fees due to Deposit Account No. 50-0310.

Dated: **January 4, 2007**  
Morgan, Lewis & Bockius LLP  
Customer No. **09629**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
202-739-3000

Respectfully submitted  
**Morgan, Lewis & Bockius LLP**

  
\_\_\_\_\_  
Robert Smyth  
Registration No. 50,801

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 3

PATENT NO. : 7,090,848

APPLICATION NO.: 09/762,261

ISSUE DATE : August 15, 2006

INVENTOR(S) : Gerald Quinnan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 23, above the table insert -- Table 5 --.

Column 23, below the table insert -- Dashes indicate residues at which the individual sequences are identical to R2. The periods indicate sites of insertions or deletions. --

Column 41, lines 38 to 39, that portion of the claim reading "amino acids 13 to 15 of SEQ ID NO: 3" should be changed to read -- amino acids 313 to 325 of SEQ ID NO: 1 --.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Morgan, Lewis & Bockius LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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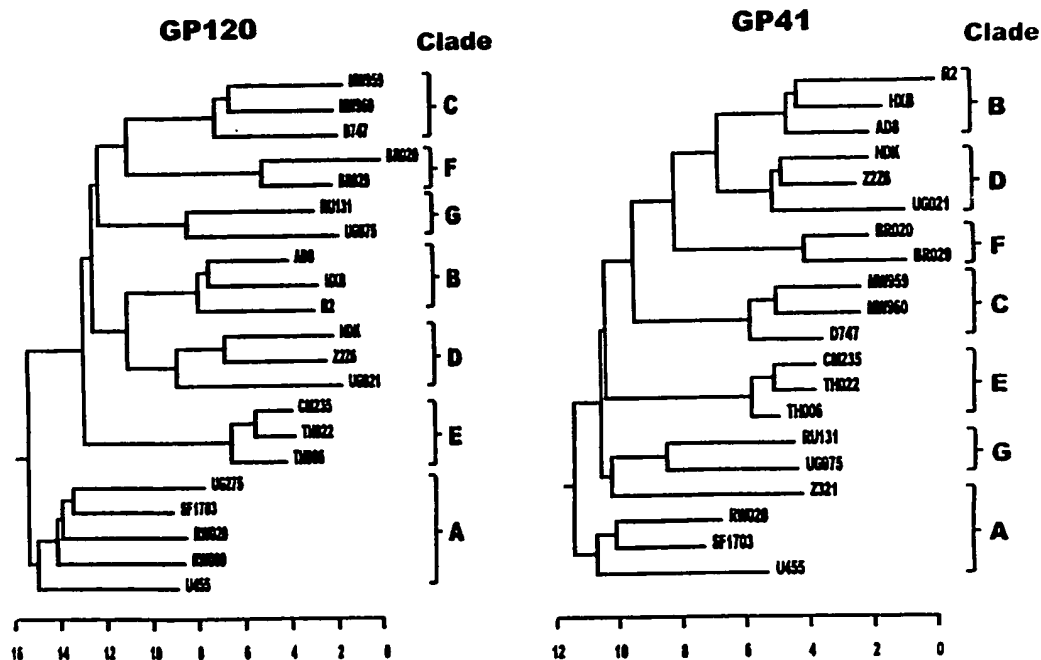
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PATENT NO. : 7,090,848  
 APPLICATION NO.: 09/762,261  
 ISSUE DATE : August 15, 2006  
 INVENTOR(S) : Gerald Quinnan et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Sheet 1, Fig. 1, replace Fig. 1 with the as-filed Fig. 1 shown below:



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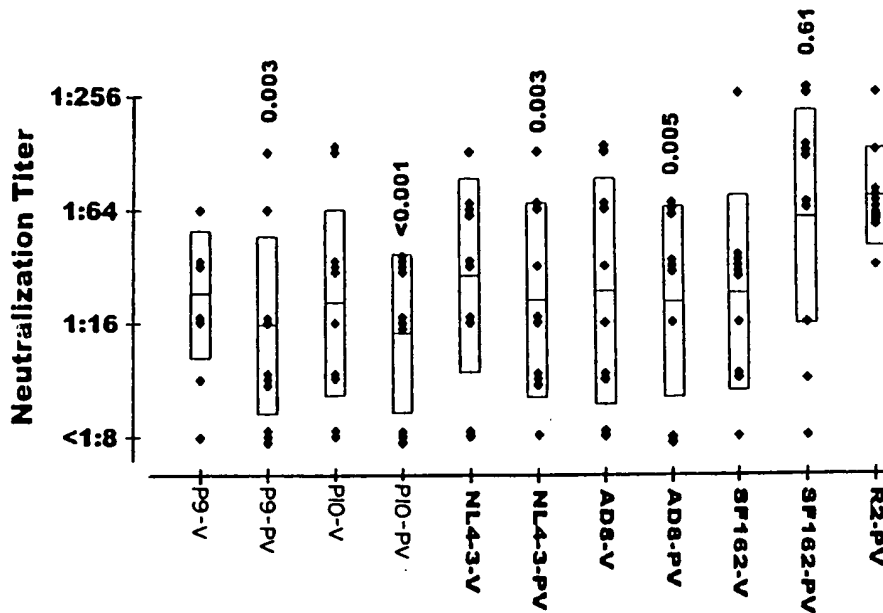
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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the drawings, Sheet 2, Fig. 2, replace Fig. 2 with the as-filed Fig. 2 below:



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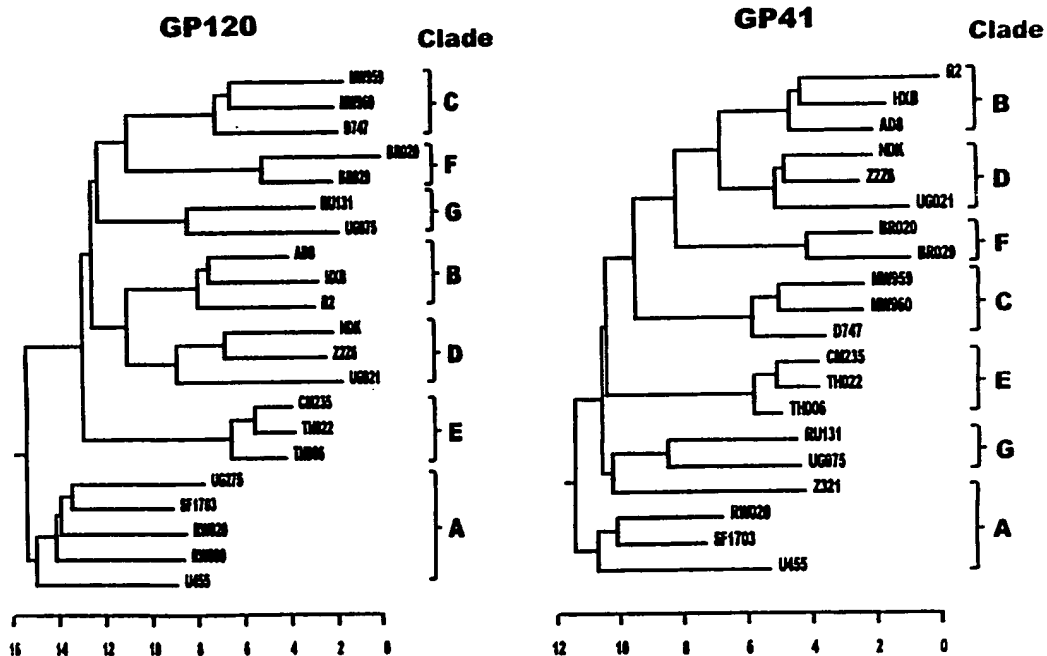
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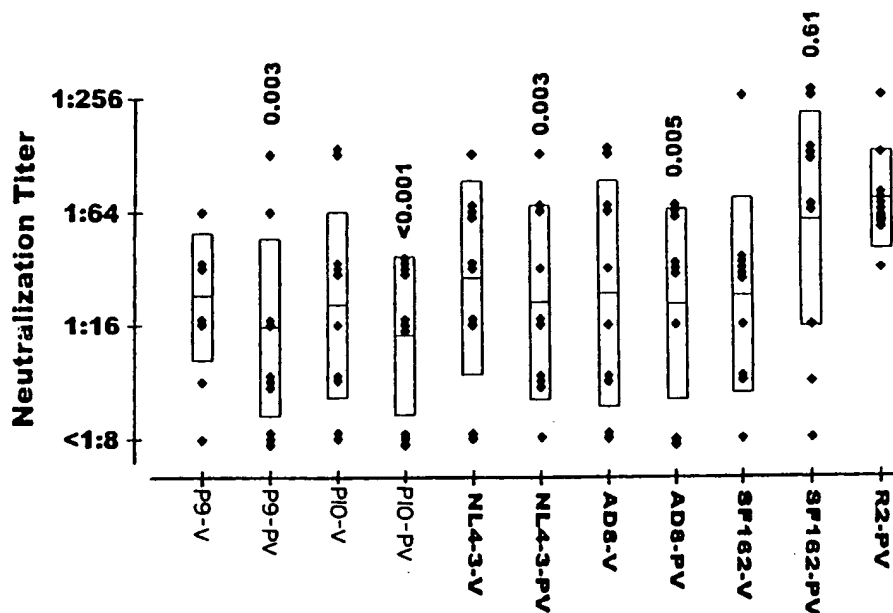
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